(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 16 October 2003 (16.10.2003)

(10) International Publication Number WO 03/085003 A1

(51) International Patent Classification7: 14/06, 18/08

C08F 2/00,

PCT/IT02/00230 (21) International Application Number:

(22) International Filing Date: 11 April 2002 (11.04.2002)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant and

(72) Inventor: CARLIN, Francesco [IT/IT]; Corte Arco Valaresso 3, I-35100 Padova (IT).

(74) Agents: PISTOLESI, Roberto et al.; Dragotti & Associati SRL, Galleria San Babila, 4/C, I-20122 Milano (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR THE APPLICATION OF ANTI-FOULING AGENTS

(57) Abstract: There is described a method for applying an aqueous solution to the internal walls of a reactor, before the start of the polymerization reaction of vinyl chloride and/or vinyl acetate, which aqueous solution contains a salt of an anti-scaling agent which comprises a product of condensation of an aldehyde, a phenolic compound and an aromatic carboxylic acid hydroxylated at the aromatic nucleus, wherein the pH-value of this aqueous solution is changed, during the application, to a pH-value of less than 5 and, preferably, in the range between 2.5 and 4.5.